

# PONYL 4004EPGUVG0

Polyamide 66  
POLYROCKS CHEMICAL CO., LTD

Message:

PONYL-4004(+) are halogen-free environmental PA66 material with nitrogen as flame-retardant element. Carbonize and gaseous phase retardant mechanisms play the flame retardant performance. They have the characteristics of finished products, polish surface, great electrical property, no smoke and no corrosion to the molds, good toughness, good UV resistance and good environment resistance. The flammability reaches UL94-V2 (1.5mm & 3.0mm). 4004(+) pass UL test and meet the requirements of RoHS, SVHC, PFOS&PFOA, 16P, Halogen-free and PAHs.

General Information			
Features	Environmentally Sound		
	Flame Retardant		
	Good Corrosion Resistance		
	Good Electrical Properties		
	Good Surface Finish		
	Good Toughness		
	Good UV Resistance		
	Halogen Free		
Uses	Construction Applications		
	Electrical Parts		
	Electrical/Electronic Applications		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.16	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (275°C/0.325 kg)	5.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	66.0	MPa	ASTM D638
Tensile Elongation (Break)	53	%	ASTM D638
Flexural Modulus	3100	MPa	ASTM D790
Flexural Strength	83.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	65	J/m	ASTM D256
Flammability	Nominal Value	Test Method	
Flame Rating		UL 94	
1.50 mm	V-2		
3.00 mm	V-2		

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Recommended distributors for this material

## Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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